

**CLAIMS**

1. A method for setting up a program-controlled circuit arrangement with a processor unit, an assigned non-volatile start procedure memory and an interface for connection to a data transmission network, whereby the processor unit is set up in such a way that, after being switched on, it executes a start procedure stored in the start procedure memory, wherein a start procedure is stored in the start procedure memory, wherein said start procedure is set up in such a way that during its execution the processor unit connects up by means of the interface to an operating program server and from this loads operating program instructions into a main memory assigned to the processor unit.

2. The method of claim 1, wherein the start procedure is set up in such a way that during its execution the processor unit loads and executes a download procedure from a non-volatile download procedure memory into the main memory, and the download procedure is set up in such a way that during its execution the processor unit connects up by means of the interface to the operating program server and from this loads operating program instructions into the main memory assigned to the processor unit.

3. The method of claim 1, wherein the circuit arrangement has an exchange arrangement for exchanging data packets within the data transmission network.

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4. The method of claim 1, characterized in that the circuit arrangement is a circuit for providing a telephone and/or fax service via the data transmission network.

5. The method of claim 1, characterized in that the start procedure memory is integrated with the processor unit on a semiconductor module.

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6. The method of claim 1, wherein the download procedure memory and the processor unit are integrated in various semiconductor modules and the download procedure is loaded serially from the download procedure memory.

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7. The method of claim 6, wherein the download procedure memory is a serial EEPROM.

8. A circuit arrangement with a processor unit, an assigned  
15 non-volatile start procedure memory and an interface for connection to a data transmission network, whereby the processor unit is set up in such a way that it executes a start procedure stored in the start procedure memory after being switched on, wherein a start procedure is stored in  
20 the start procedure memory, wherein said start procedure is set up in such a way that during its execution the processor unit connects up by means of the interface to an operating program server and from this loads operating program instructions into a main memory assigned to the  
25 processor unit.

9. The circuit arrangement of claim 8, wherein the start procedure is set up in such a way that during its execution the processor unit loads and executes a download procedure  
30 from a non-volatile download memory, which is connected to the processor unit, into the main memory, whereby the download procedure is set up in such a way that during its execution the processor unit connects up by means of the

interface to the operating program server and from this loads operating program instructions into the main memory assigned to the processor unit.

5 10. The circuit arrangement of claim 8, wherein the circuit arrangement has an exchange arrangement for exchanging data packets within the data transmission network.

10 11. The circuit arrangement of claim 8, wherein the circuit arrangement is a circuit for providing a telephone and/or fax service via the data transmission network.

15 12. The circuit arrangement of claim 8, wherein the start procedure memory is integrated with the processor unit on a semiconductor module.

20 13. The circuit arrangement of claim 8, wherein the download procedure memory and the processor unit are integrated in various semiconductor modules and the download procedure memory has a serial output for the download procedure.

25 14. The circuit arrangement of claim 13, wherein the download procedure memory is a serial EEPROM.